

## WORKSHOP

Institute of Biological Engineering (IBE)  
Sacramento Convention Center, Room 204  
Sunday, July 29, 2001  
8 AM - 12 noon

### “DNA of BIOLOGICAL ENGINEERING: DEFINING the BODY of KNOWLEDGE for the DISCIPLINE”

- 0800** Welcome, Introductions and Workshop Objectives---N. R. Scott, Professor, Cornell University
- 0815** Biological Engineering Core Concepts---Jim Dooley, President, Silverbrook Limited
- 0830** Concepts for Biological Engineering Curriculum---Kifle Gebremedhin, Professor, Cornell University
- 0845** Thermodynamics of Living Systems---John Cundiff, Professor, Virginia Tech and George Meyer, Professor, University of Nebraska
- 0900** An Industry Perspective---Karen Brockwell, Director of Technology, Genentech, Vacaville, CA
- 0930** An Industry Perspective---Carol Schembri, Senior Project Scientist, Life Sciences Technologies Laboratory, Agilent Laboratories
- 0945** An Industry Perspective--- (unconfirmed)
- 1000** Discussion, Q & A
- 1030** Refreshment Break
- 1100** Breakout Groups (four or more) for Discussion of Specific Questions:
- Agreement on definition of biological engineering.
  - Agreement on the essential subjects which establish biological engineering as a discipline.
  - What are the expectations of the knowledge required of a biological engineer entering first employment in industry?
- 1215** Adjourn

